HESKINS

ANTI-SLIP SOLUTIONS

mail@heskins.com www.heskins.com 26/03/2026

H3401 Standard Safety Grip™ Data Sheet

Description

The product is a tough, durable self-adhesive anti slip material for application in a wide range of areas. The material is constructed from a self-adhesive plastic base film. The adhesive is pressure sensitive and is protected by a siliconised treated release paper. The upper surface consists of abrasive aluminium oxide particles held in place by a polymer resin. Prior to setting, the granules are charged by static electricity to help point upwards thus increasing grip levels.

Where to normally apply

Designed to provide grip in varied applications even if, once applied correctly, oil, water or other contaminants are present. Perfect for pedestrian traffic or light vehicular traffic.

Advantages of using Heskins Safety-Grip™

- Tough, durable.
- High levels of Coefficient of Friction; this is how grip is measured.
- Ease of application.
- Withstands most chemicals that are present in commercial environments.
- Will adhere to most surfaces if the Heskins procedures are followed.

Sizes

Heskins produces all sizes and shapes. Maximum width is 1168mm and maximum length is 100m.

Packaging

Boxed in a variety of methods dependent on size or customer requirements. The case is marked with a label showing size, quantity, batch number and Heskins internal barcode. Other information is added as required.

Application instructions

Please refer to the detailed application instructions.

Product durability

When applied typically 3 years.

Disposal

This product can be incinerated or disposed of through conventional methods; the waste disposal code is 20.01.04

Product Origin

Manufactured in the UK, either converted at the Heskins UK site (Brinscall) or at the Heskins US site (Pennsylvania)

Photos









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Subject	Result	Test Method
Back carrier	0.1mm PVC	Calliper Method
Total applied thickness	0.7mm	Calliper Method
Type of adhesive	Solvent acrylic	N/A
Mineral type	Aluminium Oxide	N/A
Adhesion to steel ($g/25.4mm^2$)	1500↑	PSTC-4
Tensile strength ($Kg/25.4mm^2$)	6.0↑	PSTC-31
Tear resistance (g)	5600 +/- 200	PSTC-39
Peel adhesion, N/25mm 20 minute dwell	23.5	180° FINAT FTM1
Peel adhesion, N/25mm 24 hour dwell	27.2	180° FINAT FTM1
Tensile strength, N/25mm	68.0	Lloyd, 500N load cell
Elongation at break	25%↑	PSTC-31
Temperature range	-40°C to +70°C	See notes below
Maximum size of production roll	1168mm x 100m	N/A
Resistance to water (months)	10	PSTC-35
Resistance to chemicals (months)	8	PSTC-35
Resistance to motor oil	Excellent	PSTC-35
Life (months)	12 to 24	PSTC-9

The independent test laboratory at Adhesive Technical Services Ltd performed the temperature test, England (test results available)

LRV Test Results

SKU (Colour)	RAL	Pantone	Av. LRV	Range
H3401N (Black)	9004	Black U	3.8	0.16
H3401R (Red)	3020	032 U	5.5	1
H3401O (Orange)	2004	172 U	18.3	1
H3401Y (Yellow)	1023	113 U	42.5	3
H3401F (Fluorescent Yellow)	1016	395 U	100	0
H3401V (Green)	6010	342 U	2.3	1
H3401B (Blue)	5000	286 U	1.3	1
H3401E (Beige)	1019	4515 U	30.1	3.2
H3401G (Brown)	8002	181 U	0.3	1
H3401S (Grey)	7004	428 U	23.5	1

ISO 9001 CERTIFIED UKAS MANAGEMENT SYSTEMS British Assessment Bureau
ISO 14001 CERTIFIED UKAS MANAGEMENT SYSTEMS British Assessment Bureau

H3401T (Transparent)	Transparent	Transparent	25.5	2.5
H3401W (White)	9003	White	75.3	3
H3401D (Black/ Yellow Hazard)	9017 / 1023	Black 3C / 113 U	0 / 37.5	0 / 3
H3433D (Vivid Black/Yellow Hazard)	9004 / 1023	Black 6C / 7408U	5.1 / 52.17	1.72 / 1.15
H3434D (Shaded Black/Yellow Hazard)	9004 / 1021	Black 3C / 123U	8.85 / 46.39	2.91 / 1.52
H3401A (Red/White Hazard)	3020 / 9003	Black U / White	4 / 72	0 / 2

Coefficient of Friction

Test	Dry surface test result	Wet surface test result	Test Standard
Pendulum	1.02 PTV	0.71 PTV	EN 13036-4
DIN51130	R13		Certificate UK23247-1817
DIN51097	Inclination 30°- C		97910801.004
NFSI	High traction		Expiry: 20/12/2025

The tests were conducted at a recognised independent friction testing laboratory, and copy certificates are available on request. Pendulum is a dynamic test, for static tests, we also have results ASTM C 1028-96.

Temperature Range

Safety-Grip™	Temperature	Observations
Black Standard Anti-slip Tape H3401	-40°C	No visible evidence of peeling or loss of adhesion
Black Standard Anti-slip Tape H3401	+70°C	No visible evidence of peeling or loss of adhesion

All the above data is for reference only.

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